EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	1639	250/370.08,370.09.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 14:38
L6	6568	sigma adj delta	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 09:43
L7	2	5 and 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 09:42
L8	22	sigma adj delta with pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 09:44
L9	22	(sigma adj delta) with pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 13:27
L11	2	x-ray and (sigma adj delta) with pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 09:47
L12	475	(sigma adj delta) with ($3pixel element)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 13:27
L13	59	cascade and 12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 14:20

L14	11	(sigma adj delta).ab. and x-ray	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 14:21
L15	64	SD near modulator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 14:38
L16	2	SD near modulator with (pixel element)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 14:38
L17	8	15 and (x-ray CT imager)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 14:39

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sigma delta modulator pixel x-ray CT   [Search]

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All Results

V Larionov
C Brocksopp
R Fender
J Lin
G Johansen

Data acquisition system using **delta-sigma** analog-to-digital signal converters - all 6 versions »
BM Gordon, H Weedon, LR Poulo, MH Miller - US Patent 6,657,571, 2003 - Google Patents
... and the brightness value of each **pixel** is set ... Patent uses a **delta-sigma modulator**
and FIR digital filter ... function of both the noise level of the **X-ray** flux and ...
Cited by 8 - Related Articles - Web Search

Optimal channel filter for **CT** system with wobbling focal spot - all 2 versions »
E Dolazza, H Weedon - US Patent 5,841,829, 1998 - Google Patents
... The result is an array of **pixels** of differing ... time to reject the digitization noise
of the **sigma-delta modulator**. ... of a focal spot wobbling **x-ray** source and ...
Cited by 3 - Related Articles - Web Search

Design and Evaluation of a CMOS-Photosensor with In-**Pixel Sigma-Delta Modulator** for **X-ray** Computed ...
C Baumer, S Eick, R Steadman, G Vogtmeier, M Gnade ... - Solid-State Circuits Conference,
2006. ESSCIRC 2006. ..., 2006 - ieeexplore.ieee.org
... and Evaluation of a CMOS-Photosensor with In-**Pixel Sigma-Delta Modulator** for **X-ray**
Computed Tomography ... has been designed for data readout in **CT** scanners. ...
Cited by 1 - Related Articles - Web Search

Measurement of the Spatial Coherence Function of Undulator Radiation using a Phase Mask - all 6 versions »
... , AG Peele, PJ McMahon, **CT** Chantler, KA Nugent, B ... - Physical Review Letters, 2003 -
APS
... c n\Omega \Pi 2fflfi ~uu fi ~kkn\Sigma ; (3) where ... R G\Delta ~rr0=zd\Theta P\Delta
~rr \Pi ... The **modulation** transfer function (MTF) of the CCD camera system was ...
Cited by 17 - Related Articles - Web Search - BL Direct

Design and test of an integrated **Sigma–Delta** analog-to-digital converter for **X-ray** Computed ... - all 2 versions »
C Bäumer, M Gnade, A Kemna, R Steadman, G ... - Nuclear Instruments and Methods in
Physics Research Section ..., 2007 - Elsevier
... cost-effective data readout for **X-ray CT**, a monolithic ... array of photodiodes and
in-**pixel Sigma–Delta** modulators has ... single-bit, discrete-time **modulator** is of ...
Related Articles - Web Search

Semiconductor-based image sensor
KPE NV - freepatentsonline.com
... by at least a photo detector (or photo transistor) and an A/D converter assigned
to each **pixel** in the form of a **sigma delta** (SD) **modulator** is known from ...
Cached - Web Search

Read-out photodiodes using **sigma-delta** oversampled analog-to-digital converters - all 3 versions »
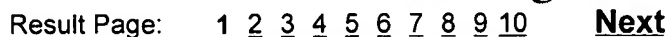DB Ribner, MA Wu - US Patent 5,142,286, 1992 - Google Patents
... oversampling ratios and higher-order **sigma-delta** modulators. ... considerations set

bounds
on the **modulator** order. ... values ofthe image picture elements or **"pixels"**. ...
Web Search

A multimode digital detector readout for solid-state medicalimaging detectors - all 8 versions »

CD Boles, BE Boser, BH Hasegawa, JA Heanue - Solid-State Circuits, IEEE Journal of, 1998 - ieeexplore.ieee.org

... **X-ray** imaging, radiation detector circuits, **sigma–delta modulation**. ... in the range of 10–1000 photons/s/**pixel**. ... **CT** detector channels measure **X-ray** events at a ...

Cited by 4 - Related Articles - Web Search - BL Direct

Through Wafer Interconnects-A Technology not only for Medical Applications - all 2 versions »

G Vogtmeier, C Drabe, R Dorscheid, R Steadman, A ... - mrs.org

... A new 2D-tiled detector for multislice **CT**", Proceedings of the ... of a CMOS- Photosensor with In-**Pixel Sigma-Delta Modulator** for **X-ray** Computed Tomography ...

Related Articles - Web Search

Imaging techniques applied to the coded mask **SIGMA** telescope - all 3 versions »

A Goldwurm - Experimental Astronomy, 1995 - Springer

... 2. **Delta**-decoding, fine correlation, and PSF deconvolution plus FF filter ... Because of the partial **modulation** ... 3. Sum of 109 **SIGMA** EXFOV images of the Galactic ...

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